

APPENDIX D

SENSITIVE WILDLIFE SPECIES WITH THE POTENTIAL TO OCCUR

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SENSITIVE ANIMAL SPECIES WITH THE OBSERVED AND WITH POTENTIAL TO OCCUR WITHIN OR ADJACENT TO THE ROUTE 67 SELF STORAGE PROPERTY (USGS EL CAJON QUAD)

Common Name and Scientific Name	Sensitivity Code and Status			Habitat Preference/Requirements	Potential On-Site	Factual Basis for Determination of Occurrence Potential
	County	State	Federal			
INSECTS						
Hermes Copper <i>Lycaena hermes</i>	Group 1			Coastal sage scrub, mixed chaparral and chamise chaparral; 0-3000ft. Host plant <i>Rhamnus crocea</i> , in proximity to <i>Eriogonum fasciculatum</i> .	Low	This species host plant was not observed onsite.
Monarch butterfly <i>Danaus plexippus</i>	Group 2			Wintering sites composed of grassland, oak woodlands and montaine meadows; host plant milkweed (<i>Asclepias</i> sp.). 500 to over 3000ft.	Low	This species host plant was not observed onsite.
Quino Checkerspot <i>Euphydryas editha quino</i>	Group 1		FE/SOC	Open shrub habitats, primary host plant is <i>Plantago erecta</i> .	Low	This species host plant was not observed onsite and focused protocol surveys were negative for this species.
Robinson's rain beetle <i>Phobetus robinsoni</i>	Group 2			Riparian and desert washes in flat slopes (<10%). No special soil requirements. 1000-3000 ft.	Low	The project site lacks appropriate habitat for this species.
AMPHIBIANS						
Western spadefoot toad <i>Scaphiopus hammondi</i>	Group 2	CSC	SOC	Grassland situations can occasionally occur in valley-foothill hardwood woodlands. Populations may persist a few years in orchard-vineyard habitats; 0-3000ft.	Low	The project site lacks appropriate habitat for this species.
REPTILES						
Coastal rosy boa <i>Charina trivirgata roseofusca</i>	Group 2	CSC	FS	Coastal sage scrub, mixed chaparral, oak woodlands and chamise chaparral. Often found in association with rock outcrops; 0-6800 ft.	Low	The project site lacks appropriate habitat for this species.

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Coast patch-nosed snake <i>Salvadora hexalepis virgulata</i>	Group 2	CSC	SOC	Grass, chaparral, woodland, desert and coastal sage scrub. Found near rock outcrops with adjacent seasonal drainages; 0-3000ft.	High	Appropriate habitat for this species occurs onsite.
Coronado skink <i>Eumeces skiltonianus interparietalis</i>	Group 2	CSC	SOC	Coastal sage scrub, grassland, riparian, near vernal pools, oak woodlands, chamise chaparral, mixed conifer, closed cone forests, and freshwater marshes. Found during the winter after rainfalls or during spring; 0-3000ft.	Low	The project site lacks appropriate habitat for this species.
Northern red diamond rattlesnake <i>Crotalus ruber ruber</i>	Group 2	CSC		Coastal sage scrub, mixed chaparral, open grassy areas and agricultural areas, chamise chaparral, pinon juniper and desert scrub; 0-3000ft.	High	Appropriate habitat for this species occurs onsite.
San Diego banded gecko <i>Coleonyx variegatus abbotti</i>	Group 1			This species is uncommon in coastal scrub and chaparral mostly occurring in granite or rocky out crops in this habitat (Zeiner <i>et. al.</i> 1988).	Low	The project site lacks appropriate habitat for this species.
San Diego Horned Lizard <i>Phrynosoma coronatum blainvillei</i>	Group 2	CSC	SOC	Occurs in valley-foothill hardwood, conifer and riparian habitats, as well as in pine-cypress, juniper and annual grass habitats; needs open areas for basking, ants and other insect prey. 0-8000ft.	High	Appropriate habitat for this species occurs onsite.

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San Diego ringneck snake <i>Diadophis punctatus similis</i>	Group 2		SOC	Coastal sage scrub, mixed chaparral, riparian, oak woodlands, chamise chaparral, mixed conifer, closed cone forest in moist micro-habitats. Can be found on surface during winter after rainfalls or during spring; 0 -7200 ft.	Low	The project site lacks appropriate habitat for this species.
Silvery legless lizard <i>Anniella pulchra pulchra</i>	Group 2	CSC	SOC	Coastal sage scrub, grassland, riparian and coastal desert dunes. Found in sandy loam and areas of accumulated leaf litter beneath shrubs and trees in moist micro-habitats; 0 to 5000 ft.	Low	The project site lacks appropriate habitat for this species.
MAMMALS						
American badger <i>Taxidea taxus</i>	Group 2	CSC		This species is most abundant in drier open stages of most shrub, forest, and herbaceous habitats; 0 to over 3000ft.	Low	This species burrows would have been visible and were not detected during surveys.
Big free-tailed bat <i>Nyctinomops macrotis</i>	Group 2	CSC		This species is found in a variety of plant associations including desert scrub, various woodlands and coniferous forests. Is a colonial roosting species that is typically found in crevices of rugged cliffs and high, rocky outcrops; 0 to 3000ft.	Low	The project site lacks appropriate roosting habitat for this species.
Dulzura California pocket mouse <i>Chaetodipus californicus femoralis</i>	Group 2	CSC		Occupies coastal sage scrub, mixed chaparral, oak woodland, chamise chaparral, and mixed conifer habitats; 0 to over 3000ft.	Low	The project site lacks appropriate habitat for this species.

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Greater western mastiff bat <i>Eumops perotis californicus</i>	Group 2	CSC		Open semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, annual and perennial grasslands, palm oases, chaparral, desert scrub, and urban. Crevices in cliff faces, high buildings, trees, and tunnels are required for roosting; 500-3000ft.	Low	The project site lacks appropriate roosting habitat for this species.
Mexican long-tongued bat <i>Choeronycteris mexicana</i>	Group 2	CSC		This bat occurs in a variety of habitats, including scrub, desert, semidesert grassland, oak woodland and tropical deciduous forests. Mexican long-tongued bats roost predominantly in caves, mines, rock crevices, and abandoned buildings. C. mexicana forages primarily on nectar and pollen of night blooming flowers such as agaves and cacti.	Low	The project site lacks appropriate roosting habitat for this species.
Mountain Lion <i>Felis concolor</i>	Group 2			Species found in a variety of different habitats from desert to coast range forest; 0 to 10,000ft.	Low	The vegetative cover onsite is too open for this species.
Northwestern San Diego pocket mouse <i>Chaetodipus fallax fallax</i>	Group 2	CSC		Nocturnal. Found in coastal sage scrub and mixed and chamise chaparral. Seeks cover in rocky/gravelly areas with a yucca overstory; 500-3000ft	Low	The project site lacks appropriate habitat for this species.

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Pallid bat <i>Antrozous pallidus</i>	Group 2	CSC	SOC	Coastal sage scrub, mixed chaparral, oak woodlands, chamise chaparral, desert wash and desert scrub. Prefers snags (especially oak), rocky outcrops, cliffs and crevices with access to open habitats for foraging; 0-6000ft.	Low	The project site lacks appropriate roosting habitat for this species.
Pocketed free-tailed bat <i>Nyctinomops femorosaccus</i>	Group 2	CSC		This species is found in a variety of plant associations including desert scrub, coastal scrub and pine oak woodlands. Is a colonial roosting species that is typically found in crevices of rugged cliffs and high, rocky outcrops; 0 to 3000ft.	Low	The project site lacks appropriate roosting habitat for this species.
San Diego black-tailed jackrabbit <i>Lepus californicus bennetti</i>	Group 2	CSC		Coastal sage scrub, mixed chaparral, oak woodlands, chamise chaparral, mixed conifer, and closed cone forest and open areas. Common in irrigated pastures and row crops; 0 to over 3000ft.	Low	The project site lacks appropriate habitat for this species.
San Diego desert woodrat <i>Neotoma lepida intermedia</i>	Group 2	CSC		Nocturnal in coastal sage scrub, desert, oak woodlands, chamise chaparral and rocks in moderate to dense vegetation. Most abundant in rocky areas -- prefers rock outcrops and crevices for nest sites, but also builds nests in low branches of trees. 500-3000ft.	Low	The vegetative cover onsite is too open for this species.

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Southern mule deer <i>Odocoileus hemionus fuliginata</i>	Group 2			The mule deer is extremely adaptable occupying all but two or three of the major vegetation types in the western United States.	Low	The vegetative cover onsite is too open for this species.
BIRDS						
Bell's sage sparrow <i>Amphispiza belli belli</i>	Group 1	CSC		Coastal sage scrub, mixed and chamise chaparral. Nests well hidden in sagebrush or other scrub; 0-3000ft.	Low	The project site lacks appropriate habitat for this species and this species is not known from the area.
Black-shouldered kite <i>Elanus caeruleus</i>	Group 1			Yearlong coastal & valley lowlands, usually near ag. areas. Forage: open grasslands, meadows, farmlands, wetlands, freeway divides. Nests in tops of tall trees near open areas.	Low	No nests were observed in the eucalyptus trees onsite, however the project site is suitable for foraging.
Burrowing owl <i>Athene cunicularia hypugea</i>	Group 1	CSC		Open, dry grasslands agricultural and range lands, and desert habitats of low growing vegetation (associated with burrowing animals); 0-1000ft.	Low	This species burrows would have been visible and were not detected during surveys.
California gnatcatcher <i>Polioptila californica californica</i>	Group 1	CSC	FT	Most numerous in low, dense coastal sage scrub habitat of coastal hills.	Low	The vegetative cover onsite is too open for this species and the project site lacks appropriate habitat.
California gull <i>Larus californicus</i>	Group 2	CSC		Non-breeding colonies in lakes and bays; In breeding season on interior lakes and marshes and in winter mostly on the seacoast; 0 to over 3000ft.	Low	This species has been known to migrate through the area that contains the project site, however the project site lacks appropriate habitat for this species.

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Canadian goose <i>Branta canadensis</i>	Group 2			Lakes, bays, rivers, mudflats, marshes, and fields. Often feeds in open grasslands and fields. Usually nests on the ground near water.	Low	This species has been known to migrate through the area that contains the project site, however the project site lacks appropriate habitat for this species.
Cooper's Hawk <i>Accipiter cooperi</i>	Group 1	CSC (nesting)		Uncommon migrant and winter visitor, rare summer resident, during migration and winter found throughout SD County. Found in oak woodlands or edges of woods, nests in tall trees.	Low	No nests were observed in the eucalyptus trees onsite, however the project site is suitable for foraging.
Ferruginous hawk <i>Buteo regalis</i>	Group 1	CSC		Winters in grasslands and desert scrub. Prefers to nest in trees, but will nest in a bush or on the ground on a ledge, riverbank or hillside; 0-3000ft.	Low	This species is not known to winter or migrate through the project area.
Golden eagle <i>Aquila chrysaetos canadensis</i>	Group 1	CSC Fully protected		Mountains, foothills, and adjacent grassland, open areas and canyons; 0-11,500 ft. (nesting/wintering)	Moderate	Although no nests were observed in the eucalyptus trees onsite, this species is known to occupy the area and the habitat onsite is suitable for foraging.
Grasshopper sparrow <i>Ammodramus savannarum</i>	Group 1			Occurs in dry, dense grasslands, especially those with a variety of grasses and tall forbs and scattered shrubs for singing perches; 0 to over 3000ft.	Low	The project site lacks appropriate habitat for this species and this species is not known from the area.
Great Blue Heron <i>Ardea herodias</i>	Group 2	CSC		Wetlands with tall trees and rock ledges; 0-1000ft.	Low	No nests were observed in the eucalyptus trees onsite.
Horned lark <i>Eremophila alpestris actia</i>	Group 2	CSC		Open patches of bare land alternating with low vegetation in grasslands, montaine meadows, and sagebrush plains; 0 to over 3000ft.	Low	This species is not known to winter or breed through the project area.

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Loggerhead shrike <i>Lanius ludovicianus</i>	Group 1	CSC		Roadside vegetation, thickets, savanna, coastal sage scrub, grasslands, riparian, oak woodlands and desert scrub and wash or any open country with high perches as lookouts; 0-3000ft.	Low	The project site lacks appropriate habitat for this species.
Merlin <i>Falco columbarius</i>	Group 2	CSC		Winters in grassland and salt or alkali marsh; 0-500ft.	Low	The project site lacks appropriate habitat for this species and this species is not known from the area.
Northern harrier <i>Circus cyaneus hudsonius</i>	Group 1	CSC		Grasslands and salt, alkali and freshwater marshes; 0-1000ft. Nests on ground in shrubby vegetation, usually emergent wetlands or along rivers or lakes. May also nest in grasslands, grain fields, or on sagebrush flats several miles from water.	Low	The project site lacks appropriate habitat for this species and this species is not known from the area.
Prairie Falcon <i>Falco mexicanus</i>	Group 1	CSC		Rare to uncommon winter visitor, rare breeding resident. Widespread throughout San Diego County during migration (fall) and winter, occurring usually in open grassland, agricultural fields, and desert scrub.	Low	The project site lacks appropriate habitat for this species.
Rufous-crowned sparrow <i>Aimophila ruficeps canescens</i>	Group 1	CSC		Favors steep and rocky coastal sage scrub. Also seeks scattered grass in sage scrub and colonizes grass that grows as a successional stage following brush fires (Unitt 1984).	Low	The project site lacks appropriate habitat for this species.

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San Diego cactus wren <i>Campylorhynchus brunnicapillus couesi</i>	Group 1	CSC	SOC	Coastal sage scrub; 0-500ft.	Low	The project site lacks appropriate habitat for this species.
Sharp-shinned hawk (nesting) <i>Accipiter striatus</i>	Group 1	CSC		Open woodlands, residential, larger trees for nesting. Uncommon migrant and winter visitor, casual summer visitor; nesting has not been documented in San Diego County (Unitt 1984).	Low	No nests were observed in the eucalyptus trees onsite, however the project site is suitable for foraging.
Tricolored blackbird <i>Agelaius tricolor</i>	Group 1	CSC		Breeds near fresh water, preferably in emergent wetland with tall, dense cattails or tules, but also in thickets of willow, blackberry, wild rose, tall herbs.	Low	The project site lacks appropriate habitat for this species.
Turkey Vulture <i>Cathartes aura</i>	Group 1, County Sensitive			Spring and fall migrant, uncommon to locally common winter visitor and rare to uncommon summer resident of San Diego County (Unitt 1984)	Low	No nests were observed in the eucalyptus trees onsite, however the project site is suitable for foraging.
SENSITIVITY CODES						
FEDERAL SPECIES DESIGNATIONS (USFWS 2001)				STATE SPECIES DESIGNATIONS (CDFG 2000)		
<u>Category</u> FE - Federal Endangered Species FT - Federal Threatened Species FPE - Taxa proposed to be listed as Endangered FPT - Taxa proposed to be listed as Threatened SOC - Species of Concern (former Candidate Species)				<u>Category</u> SE - State listed as Endangered ST - State listed as Threatened SR - State listed as Rare SCE - State Candidate for listing as Endangered SCT - State Candidate for listed as Threatened CSC - CDFG "Species of Special Concern"		

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COUNTY OF SAN DIEGO DESIGNATIONS (COUNTY 2006)

The County Groups _____

Group 1- Species that have a very high level of sensitivity, either because they are listed as threatened or endangered
or because they have a very specific natural history requirements that must be met

Group 2- Species that are becoming less common, but are not yet so rare that extirpation of extinction is imminent without immediate action.
These species tend to be prolific within their suitable habitat types